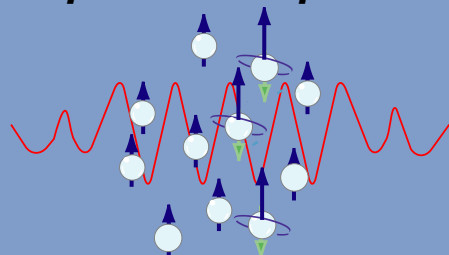


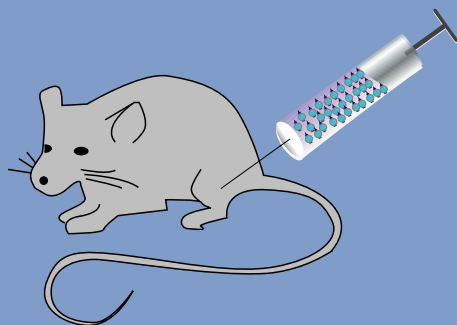
Nycomed Amersham Licenses MSD MRI Technology

Enhanced Specificity Expected to Improve Medical Imaging

New magnetic resonance techniques developed at LBNL ...



Xenon gas "hyperpolarized" by laser is dissolved in biocompatible solution...



...Solution is injected into experimental subject. Choice of solution and injection point allows specific physiological structures to be targeted.

... now licensed by Nycomed for medical imaging



Commercial medical application

"The licensing of the LBNL technology in combination with Nycomed Amersham Imaging's technology ... brings together a technology package that has the potential to revolutionize the way physicians image organ function, and, ultimately, the way they diagnose illnesses." —John Padfield, CEO of Nycomed Imaging.

In vivo demonstration of new technology

Hyperpolarized xenon injected intramuscularly in saline solution into the thigh of a rat. Red areas indicating high signal intensities correspond to xenon bound to dense muscle tissue surrounding the rat's femur.

